

METHOD OF FORMING HEAT EXCHANGER TUBING AND TUBING FORMED THEREBY

Abstract

A method of forming tubing with integral fins oriented parallel to its length, and to a heat exchanger tube produced by such a method.

The invention involves extruding a tube so that the tube has at least one internal longitudinal passage, an external surface having a cross-sectional shape in a plane transverse to the extrusion direction, and at least one integral fin parallel to the extrusion direction and extending in a direction away from the external surface of the tube. The tube may be one of a plurality of tubes assembled in parallel to a pair of manifolds, and such tubes are preferably oriented so that their integral fins are substantially parallel, with the fin(s) of a given tube extending toward an adjacent one of the tubes.